

~~Top Secret~~



25X1

(See inside cover)



Summary Report

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

DEPLOYMENT OF A POSSIBLE NEW RPV/DRONE IN THE USSR (S)

~~Top Secret~~

25X1

SR-050/77

JULY 1977

Copy 133

Warning Notice
Sensitive Intelligence Sources and Methods Involved
(WNINTEL)

NATIONAL SECURITY INFORMATION
Unauthorized Disclosure Subject to Criminal Sanctions



25X1

DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
REL . . .	This Information has been Authorized for Release to . . .

Top Secret RUFF

25X1

DEPLOYMENT OF A POSSIBLE NEW RPV/DRONE IN THE USSR (S)

(TSR) The Soviets may have deployed a possible new, unidentified remote-piloted vehicle (RPV)/drone reconnaissance system at two installations in the western USSR. Im-
[redacted] of Pruzhany Army Barracks [redacted] in the Belorussian
Military District and Marciena Missile Support Facility [redacted] in the Leningrad
Military District, respectively, has revealed equipment similar to that associated with a
suspect RPV/drone development program (Figure 1) at Kapustin Yar (KY) Cruise Test
Complex D (Site D-3; [redacted]) The system components consist of transport-
er/launchers, transporter/resupply vehicles, checkout/control vehicles, and distinctively
configured shipping crates.

25X1

25X1

25X1

(TSR) At Pruzhany Army Barracks all three types of vehicles were seen within a newly
constructed, separately secured, vehicle parking area (Figure 2). Three transport-
er/launchers, four transporter/resupply vehicles (all of which were covered by canvas), and
three checkout/control vehicles were observed. The transporter/launcher was approximately
[redacted] probable canister-type body. The transport-
er/resupply vehicle was 13.0 meters long with a 9.0- by 3.0-meter cargo-type body. Both
vehicles had a ZIL-styled cab, [redacted] with an approximate 2-meter separation
between cab and body. The three checkout/control vehicles were ZIL-131 van trucks with an
unidentified box-type object on the top rear of the van body.

25X1

25X1

(TSR) The Marciena Missile Support Facility is associated with RAM-A drone activity.
[redacted] three transporter/launchers and a transport/resupply vehicle, the same types as
those seen at KY Cruise Test Complex D and Pruzhany, were seen for the first time at the
Marciena facility. The vehicles, as at Pruzhany, were in a separately secured parking area
and were covered by canvas (Figure 3). As of yet, no ZIL-131 van trucks have been identified
at this installation.

25X1

(TSR) Imagery of the Marciena parking area [redacted] that the
transporter/launcher and transporter/resupply vehicles used an eight-wheeled ZIL-135
chassis in a cab-over-engine configuration. The same cab and chassis is used for the SHAD-
DOCK or SEPAL translaunchers. The configuration and measurements of the vehicles at
both Marciena and Pruzhany are comparable to those vehicles seen at KY Cruise Test Com-
plex D.

25X1

(TSR) At all three installations—KY Cruise Test Complex D, Marciena, and
Pruzhany—a number of distinctively configured shipping crates, [redacted]
[redacted] were seen with the vehicles. The crates have two distinct longitudinal ribs and a con-
vex center section [redacted] The crates are shipping containers either for
aerodynamic vehicles or for support equipment.

25X1

25X1

25X1

25X1

Top Secret RUFF

(TSR) In October 1976 a probable canister transporter/launcher, [redacted] canister/launch tube, was seen at Balaklava Missile Test Center (Figure 4). The vehicle was similar in configuration to the canister transporter/launcher seen at KY Cruise Test Complex D, but it was without end caps. If the vehicle is the same type, then it would indicate a Soviet Naval interest in an RPV/drone reconnaissance system.

25X1
25X1

25X1

25X1

Top Secret

25X1

Page Denied

Next 1 Page(s) In Document Denied

List of Conversion Factors by Classification

UNITS OF LENGTH

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

UNITS OF MASS

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

UNITS OF VOLUME

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHEL	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHEL
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

UNITS OF AREA

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

Top Secret



Top Secret